Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 08 Apr 2023 until 23:59 on Sunday 09 Apr 2023

Forecast Issued on Saturday 08 Apr 2023 at 03:41

Confidence: High for settled conditions today and much of Easter Sunday, and for the transition to unsettled conditions into the new week. Moderate for the extent of low cloud. Moderate for the timing of rain into Easter Monday. Low confidence for timing and track of rain and strong winds Tuesday onwards.

Headline for Saturday 08 Apr 2023: Any early mist and fog clearing to a fine day with sunny spells. Feeling warm.

Mountain weather hazards on Saturday 08 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 08 Apr 2023

Weather: A cool start, with a few frost patches. Skies in the west of the park mostly clear this morning, with valley fog and low cloud affecting lower slopes in the east. Any fog gradually lifting and breaking by mid-morning with increasing amounts of sunshine. Remaining dry and feeling warm in the sunshine, especially in sheltered valleys. Some high cloud perhaps spreading east during the evening.

Chance of cloud-free hill tops above 600m: 80% in west and 60% in east at first, soon improving to above 95% for all.

Low cloud and visibility: Most hills cloud free at first, however low level routes in the east may see some mist and fog patches obscuring visibility. This likely below 400m, perhaps briefly obscuring higher routes fog lifts and clears. Otherwise any cloud developing during the day remaining above the tops. Visibility generally very good with distant hills visible, although some poor to very poor visibility at first in any early mist or fog patches.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 08 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/12 SE	6/8 SE	6/9 S	8/11 S	9/13 SE	14/22 SE	14/21 SE
300	5/10 SE	7/10 SE	6/9 S	7/10 S	7/13 SE	12/23 SE	11/21 SE
Valley	7/10 E	5/7 S	5/9 S	6/10 S	6/14 SE	8/18 SE	8/18 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	6/3	8/6	9/7	8/6	6/2	6/2
300	6/5	8/6	10/9	12/10	11/9	8/5	7/5
Valley	5/2	10/9	12/11	13/12	11/10	8/6	7/5
Freezing Level*	900m	1000m	1200m	1300m	1300m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early fog banks soon clearing, with some excellent hill top conditions expected. Feeling rather chilly at times though, especially if stopping to take in the views at height. Sun protection is advised given the strong sunshine in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 08 Apr 2023	0mm	4.4mm	12.8mm

Forecast for Sunday 09 Apr 2023

Weather: Patches of valley mist and fog to develop in the early hours, especially across eastern hills. This quickly clearing to leave a fine and mostly dry Easter Sunday. Thickening high cloud will limit the strength of the sunshine. Cloud lowering onto highest western slopes by midnight with the odd spot of rain. Strong winds developing.

Maximum wind: Southeasterly 20-25 mph gusting 30-35 mph.

Chance of cloud-free hill tops above 600m: 80% or more, lowering to 70% in the west towards midnight.

Low cloud and visibility: Early mist and fog potentially shrouding some lower level routes below 500m. Higher tops likely remaining well above the mist and fog but perhaps briefly becoming obscured as this lifts during the morning. Cloud will be above the tops throughout the day with very good views. Cloud bases lowering to around 600m by midnight. Very good visibility by day, but poor in any early mist or fog and moderate in any rain late on.

Temperature: **Valleys:** Plus 1 Celsius rising to Plus 15 Celsius
At 600m: Plus 5 Celsius rising to Plus 10 Celsius
Freezing level: Above the summits.

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